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US EPA RECORDS CENTER REGION 5

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COUNTY OF C O O K)

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IN THE CIRCUIT COURT OF GOOK COUNTY, ILLINOIS COUNTY DEPARTMENT---CHANCERY DIVISION

PARTIE RYPACZEWSKI, WILLIAM T. PUSCH, POWERT E. PAMSDORF and ROHALD J. PATTERSON,

Plaintiffs,

vs.

UNION OIL COMPANY OF CALIFORNIA, a California corporation,

Defendant.

no. SPM 5772

COMPLAINT

Plaintiffs, DA HEL RYMACZENSKI, WILLIAM T. LUSCH, 20BFPT E. RAMSDOMF and R MALD J. PATTERSON, complaining of perfendant, UNION OIL COMPANY OF TALIFORNIA, a California corporation, allege as follows:

### COULL I

1. At all times herein mentioned, Plaintiffs were the contract purchasers of the real estate, and are presently in possession of the real estate, described as follows:

Tots I through 35 in Big Run Acres Unit One, a Subdivision of part of the North half of the Southwest Fractional Ouarter of f ction 31, Township 37 North, Bande 11 Bast of the Third Principal Meridian, in Cook County, Illinois, and the North half of the Southwest Fractional Ouarter of Section 31 (except Lots 1 through 35 in Big Run Acres Unit One), Township 37 North, Range 11 Bast of the Third Principal Meridian, in Cook County, Illinois;

hereinafter referred to as the "Root Estate."

- 2. The above described Real Estate is zoned for residential use and a portion thereof has been subdivided into thirty-five (35) buildable lots.
- TRACZEUSKI, WILLIAM T. EUSCH, PUBERT E. RAMSDORF and W NALD J.

RE ( 11 1982 EPA - L FATTERSON, have been and are engaged in the business of developing and selling lots which have been subdivided from the Real
Estate. Furthermore, Plaintiffs have commenced construction on
two residence buildings upon the Real Estate, and do own a
third residence also located upon such Real Estate. The aforesaid lots and residences have at all times relevant hereto been
held for the purpose of sale to the general public.

- 4. At all times herein mentioned, Defendant, UNION OIL COMPANY OF CALIFORNIA, hereinafter referred to as UNION OIL, was and now is, a corporation duly organized and existing under the laws of the State of California and authorized to do business in the State of Illinois.
- 5. At all times herein mentioned, Defendant, UNION OIL, was, and now is, the owner or lessee, in possession, occupation and control of certain real estate adjoining the Real Estate of Plaintiffs, to-wit:

The North half of the Southeast Fractional Quarter of Section 36, Township 37 North, Range 10, East of the Third Principal Meridian, in Will County, Illinois;

hereinafter referred to as "Union Oil Property," such Union ...
Oil Property being zoned for agricultural use.

- 6. On or about August 1, 1980, Defendant, UNION OIL, correnced open dumping of semi-trailer truck loads of toxic industrial waste sludge, such sludge being composed of petroleum by-products including cyanide, oil, chromium and zinc, onto the agriculturally zoned Union Oil Property owned or leased by Defendant.
- Defendant on the Union Oil Property, toxic fumes, foul odors and nomious vapors have been, and are being, discharged into the atrosphere and carried by prevailing air currents toward, upon and into the Real Estate and buildings of Plaintiffs, thereby endangering the health and life and offending the senses of Plaintiffs and their potential lot and/or residence purchasers,

-2-



famaging said Teal Estate and buildings and preventing the comfortable and reasonable use and rejoyment thereof.

- 8. On or about August 7, 1980, Plaintiffs, RONALD J. PATTERSON and ROBERT E. RAMSDORF, personally met with and notified Defendant, UNION OIL, by its agent, HENRY HAAS, Supervisor of Unvironmental Services, Union Oil of California, Union 76 Division, Eastern Region, of the above-described nuisance, and requested him, as agent for UNION OIL, to discontinue such dumping operations or to take such steps as might be necessary to obviate the detrimental effects thereof, but Defendant, UNION OIL, by its agent, HENRY HAAS, wholly failed and refused, and still fails and refuses, to do so.
- 9. By reason of the aforementioned air pollution, the comfort and health of Plaintiffs and their Real Estate and buildings have been, and are, greatly impaired and damaged; the value of said Real Estate has been diminished to a large extent, to— wit: approximately OUD MILLION DOLLARS, and they have been totally privented from selling the subdivided lots and houses built on the Peal Estate and are, therefore, deprived of large profits. Thereform, to—wit: approximately FIVE HUNDRED THOUSAND DOLLARS, which they would otherwise have made thereby; all to the damage of Plaintiffs in the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).
- 10. Unless restrained and enjoined by this Court,
  Defendant threatens to, and will continue to operate said dumping
  operation, to the great and irreparable damage of Plaintiffs,
  for which they have no adequate remedy at law.

UMEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and ROBALD J. PATTERSON, respectfully ask this Ecnorable Court for the following relief:

- 3 -

A. THAT a temporary injunction may be issued herein forthwith restraining Defendant, its officers, agents and employees,

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and all-persons acting or claiming by, for, through or under it from continuing said dumping operation pending the final determination of this cause.

- B. THAT, upon the hearing of this cause, an injunction ray be issued herein, permanently abating and enjoining the dumping operation.
- C. THAT Plaintiffs be awarded judgment herein against Defendant for the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).
  - D. For Plaintiffs' costs of suit.
- D. For such other and further relief as the Court deems equitable and proper.

#### COUNT II

- 1.-6. Plaintiffs reallege and reaffirm Paragraphs 1 through, and including, 6 of Count I of this Complaint as and for Paragraphs 1 through 6 of Count II of this Complaint.
- 7. Defendant's Union Oil Property is located contiguous to and westerly of Plaintiffs' Real Estate and topographically .

  upstream of Plaintiffs' Real Estate, such that storm and drainage
  waters flow from Union Oil Property to the Real Estate.
- 8. At all times herein mentioned, there existed a drainage pipe, approximately twenty-four (24) inches in diameter, which pipe connects Plaintiffs' Real Estate with the Union Oil Property, such pipe being located under Smith Road, which Road lies one-half in Cook County and one-half in Will County.
- 9. On or about August 7, 1980, Plaintiffs, RONALD J.

  PATTERSON and ROBERT E. RAMSDORF, personally notified Defendant,

  UNION OIL OF CALIFORNIA, by its agent, HENRY HAAS, Supervisor of

  Environmental Services, Union Oil of California, Union 76 Division,

  Eastern Region, of the above-described drainage pipe. Furthermore,

Plaintiffs, RONALD J. PATTERSON and ROBERT E. RAMSDORF, personally informed Defendant, UNION OIL, of the imminent drainage of said toxic industrial waste sludge from Union Oil Property to said drainage pipe onto Plaintiffs' Real Estate and into water bodies located upon Plaintiffs' Real Estate.

- 10. On or about August 9, 1980, without Plaintiffs' knowledge or consent, Defendant knowingly, unlawfully and wrongfully caused, and still causes, toxic industrial waste sludge to flow from Union Oil Property into such drainage pipe, and across and over onto Plaintiffs' Real Estate and into two (2) separate water bodies located thereon, as well as water courses, streams and waters flowing therefrom.
- 11. By reason of the entry of such toxic industrial waste sludge onto Plaintiffs' Real Estate, grass, foliage, soils and natural plant life there growing, have been damaged, spoiled and destroyed.
- 12. By reason of the entry of such industrial waste sludge onto Plaintiffs' Real Estate, a water silting basin, a half-acre lake and water courses located thereon, have been polluted, contaminated, clogged with oily slime, rendered unsightly and totally useless to Plaintiffs.
- 13. Prior to the entry of Defendant's toxic injustrial waste sludge, all of Plaintiffs' aforesaid Real Estate, including said waterbodies, were commercially saleable lots, but, by reason of the entry of such toxic industrial waste sludge onto Plaintiffs' lands and waterways located thereon, said Real Estate cannot be commercially sold, nor can the completed residence and two residences under construction located thereon be sold.
- 14. By reason of the premises, Plaintiffs have been prevented from engaging in their usual business of selling buildable lots subdivided from their Real Estate, and furthermore, Plaintiffs have been prevented from engaging in their usual busi-

ness of selling homes and lots already located on said Real Estate, having a value of more than ONE MILLION FOUR HUNDRED THOUSAND DOLLARS, and it will cost Plaintiffs ONE HUNDRED THOUSAND DOLLARS to restore said real estate and water bodies located thereon to their former lush condition, all to Plaintiffs' damage in the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

WHEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF, and RONALD J. PATTERSON, respectfully ask this Honorable Court for the following relief:

- A. THAT a temporary injunction may be issued herein forthwith restraining Defendant, its officers, agents and employees, and all persons acting or claiming by, for, through or under it from continuing to cause and/or allow toxic industrial waste sludge to flow from Union Oil Property over onto Plaintiffs' Real Estate and into two separate waterbodies located thereon, as well as water courses, streams and waters flowing therefrom.
- B. THAT, upon the hearing of this cause, an injunction may be issued herein, permanently abating and enjoining the flow of sludge from Union Oil Property over onto Plaintiffs' Real Estate.
- C. THAT Plaintiffs be awarded judgment herein against Defendant for the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).
  - D. For Plaintiffs' costs of suit.
- deems equitable and proper.

### COUNT 111

1.-9. Plaintiffs reallege and reaffirm Paragraphs 1 through, and including, 9 of Count II of this Complaint as and for Paragraphs 1 through 9 of Count III of this Complaint.

hnowledge or consent, Defendant with full knowledge of its actions, wilfully and wantonly and in wanton disregard of the rights of the Plaintiffs, did cause and still causes, toxic industrial waste sludge to flow from Union Oil Property into such drainage pipe, and across and over onto Plaintiffs' Real Estate and into two (2) separate water bodies located thereon, as well as water courses, streams and waters flowing therefrom.

- 11. The Defendant, UNION OIL, could reasonably foresce that the Plaintiffs would suffer financial damage by the flow of such toxic industrial waste sludge from the Union Oil Property over onto Plaintiffs' Real Estate.
- 12. The Plaintiffs have, in fact, suffered said injuries as specified in Paragraph 14 of Count II of this Complaint.
- 13. THAT the actions of the Defendant, UNION OIL, were accomplished by oppression and circumstances of aggravation as alleged in Paragraphs 11 and 12, above, so as to require the assessment of punitive damages against the Defendant, UNION OIL, in favor of Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON.

WHEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON, respectfully ask that this Honorable Court enter a judgment in favor of the said Plaintiffs and against Defendant, UNION OIL COMPANY OF CALIFORNIA, in the amount of ONE MILLION DOLLARS (\$1,000,000.00) as and for punitive damages.

Plaintiffs, DANIEL RYKACZENSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON,

By: JOSEPH T. CESARIO

One of Their Attorneys

JOSEPH T. CESARIO ANGELOTTI and CESARIO Attorneys for Plaintiffs 907 North Elm Street Hinsdale, Illinois 60521 920-8800



2. O. Box 686 Caton Farm Road Jollet Illinois

Telephone (312) 454-0245

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tention of	Hr. Ron Patterson		P.O. N	P.O. Number Date Received June 7, 1982			
те <b>рапу</b>	EQUESTRIAN ESTATES I	DEVELOP, COMPANY	Date R	Date Received June 7, 1982  Date Completed June 17, 1982			
dress	Lamont Illinois 60	Koau Maa	Date C	ompletedju	ne 1/,	1982	
ty/State/Zip .	EQUESTRIAN ESTATES I 115th Street & Bell Lemont, Illinois 60						
			•				
ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP		ARRO SAMPLING		DATE	
72830E	Well Water from Big F	Run Acres	<del></del>	······································		6/7	
				<del></del>			
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		ANALYSES	(1	mon Ou	1 (	6.	
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		72830E					
∵D, 5day		<del> </del>					
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ac.							
hlorides							
hlorine,Total	Residual						
hromium, Hex							
hromium, Tri							
nromium, Total							
opper		<u> </u>					
ranide,Total							
ron,Total							
ad		ļ				<del></del>	
litrogen, Total		<u> </u>			<del>- [-  </del>		
itrogen, Ammon	,	<del> </del>			<u> </u>	<del></del>	
litrogen,Organ	1C as N	<del>                                     </del>		<u>-</u>	<del>-                                    </del>	<u>C- 71</u>	
111s & Grease		0.45	<del></del>				
henols		<del></del>	<del></del>				
Phosphate, Tota	1 (ag PO.)	<del> </del>	<del></del>				
Phosphorus (as	<del>, , , , , , , , , , , , , , , , , , , </del>	<del></del>		<del></del>			
Solids,Total		<del> </del>			-		
Solids, Dissolv	ed	<del> </del>		<del></del>		<del></del>	
olids,Total S						-	
Solids, Volatil							
ulfate (as SO	4)						
inc							
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				DEAL		7	
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		<del>       </del>				- 	
				<u>JUL_1.4</u>	1 1982		
		C	<u> </u>	042		<del> </del>	
Type of Sampli		S THE COLLECTION DATE	IA Indian F Projects	K.	<del></del>	•	
impling pH	ing	_		SIATE UI	ILLINU	<del></del>	
ampling Tempe	rature	<del>                                     </del>		<del></del>		<del></del>	

sults in ra/l unless otherwise indicated

\* See attachment for comments

5 gals, of water used for analyses

Levelify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager Environmental Division EMPORCEMENT PROGRAMS

Approved by

Laboratory Manager

June 17, 1982 Date .....

Testing is in accordance with procedures outlined in the newest editions of:

Standard Methods for the Examination of Water and Waste Water

ASTM Standards, Part 31, "Water, Atmospheric Analysis"

Methods for Chemical Analysis of Water Wastes, EPA Water Quality O'fice

# Laboratories, Inc.

ੌ. O. Box 686 Caton Farm Road Jollet Illinois

Telephone (815) 727-5436

(312) 454-0245

Telex 723421 UAR JOL

tention of	Mr. Ron Patterson	P.O.	Number
mpany	EQUESTRIAN ESTATES DEVELOP. COMPANY	Date	Received June 7, 1982
Mress	EQUESTRIAN ESTATES DEVELOP. COMPANY 115th Street & Bell Road	Date	Completed June 17, 1982
ity/State/Zip	Lemont, Illinois 60439		

ARRO NO.	· SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
72830E	Well Water from Big R	ın Acres		6/7
		,		

#### ANALYSES

	•				
	72830E				
300, 5-day		<del> </del>		<del></del>	
Cadmium					
0.0 <b>D</b>					
Chlorides					
Chlorine, Total Residual	,				
Chromium, Hex			<del></del>		····
Chromium, Tri					<del></del> -
Thromium, Total	<del></del>	<del></del>			
Copper					
'yanide,Total		·			
Iron, Total					
! ead					<del></del>
Nitrogen, Total as N				···	<del></del>
Titrogen, Ammonia as N	- 1	······································			
Untrogen,Organic as N					
Oils & Grease	0.45	•			
LII				Ē	
Phenols				7	
Phosphate, Total (as PO <sub>4</sub> )				<u>:</u> ,- i	<u></u>
Phosphorus (as P)					
Solids, Total				r. 'y ; <del>j</del>	4
Solids, Dissolved				ح ح	-7
Solids, Total Suspended				F-4 (2)	
olids, Volatile Suspended					
Sulfate (as SO <sub>4</sub> )		: 1			
linc					
		· · · · · · · · · · · · · · · · · · ·			
				OFFIT	17
•			17		
	SAMPLE COLLECT	ION DATA	11	u 1 4 1982	
Type of Sampling	635 SP		J	)L 1. 1. 100E	
Sampling pH					
Sampling Temperature			07.0	E OF ILL	

"equits in ma/1 unless otherwise indicated

\* See attachment for comments

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager Environmental Division

Approved by .

Terese M. Laciak Laboratory Manager

5 gals, of water used for analyses

Testing is in accordance with procedures outlined in the newest editions of: Standard Methods for the Examination of Water and Waste Water ASTM Standards, Part 31, "Water, Atmospheric Analysis" Methods for Chemical Analysis of Water Wastes, EPA Water Quality O'fice



## Laboratories. Inc.

F. O. Box 686 Caton Farm Road Jollet Illinois

Telephone (815) 727-5436 (312) 454-0245

Telex 723421 UAR JOL

rention of	Mr. Ron Patterson	P.O.	Number
mpany	EQUESTRIAN ESTATES DEVELOP. CO.	Date	Received June 1, 1982
idress	115th Street & Bell Road Lemont, Illinois 60439	Date	Completed June 9, 1982

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
72672E	Well Water Sample fro	m		6/1
	Big Run Estates (5,			
	15,30 min.,1 hr inte	rvals)		
		·		•

#### ANALYSES

	· · · · · · · · · · · · · · · · · · ·	·	
	72672E		
nob, 5-day			
admium .			
UD.			
hlorides			
nlorine, Total Residual			
Inromium, Hex			
hromium, Tri			
omium,Total			
opper			
yanide, Total			
Iron, Total			
e ead .			
Nitrogen, Total as N			
".trogen,Ammonia as N			
Atrogen,Organic as N			
'.ls & Grease	3 .		ç
Pil			
Thenols			, , , , , , , , , , , , , , , , , , ,
Fhosphate, Total (as PO4)			i i i i i i i i i i i i i i i i i i i
Phosphorus (as P)			
Solids,Total			0-4
Solids,Dissolved			2 2 3
Solids,Total Suspended			
Solids,Volatile Suspended			-1
Sulfate (as SO <sub>4</sub> )			
line			
-			
			DEOLE LINE
			P-1 VIVICIO
			JUL 14 1982
			JUL 17 1906
	SAMPLE COLLECTI	ON DATA	,
Tipe of Sampling			JINIE OF ILLINOIS
ampling pH		5. 5.5.特 <b>與</b> 資金額(24.5.5)	SINIE OF TERMINOR
ampling Temperature	•		

osults in mg/1 unless otherwise indicated

Used 3255 mls of sample

\* See attachment for comments

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and occurate.

A. G. Roketa, Manager Environmental Division

approved by ...

Terese H. Laciak Laboratory Manager Date June 9, 1982

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Ouality O'fice

### Laboratories, Inc.

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

December 1, 1980

Mr. Ron Patterson Equestrian Estates Develop. Co. 115th Street & Bell Road Lemont, Illinois 60439

> RE: ARRO #56757E - Sludge '

Dated 8/8/80

Dear Mr. Patterson:

Sample #56757E was extremely complicated with dozens of components observed. There were fifteen (15) major peaks observed which were,

Trimethylbenzene or Methyl ethylbenzene Methlynaphthalene (2 isomers) Phenyl cyclohexadiene Phenylphenol Diphonylacetylene Naphthalene

Also, selected ion scans for polynuclear aromatics (152,154,178 amu) gave many peak responses as did scans for phthlates (149 amu), and even benzyls (91 amu).

In general, the sample was complicated and probably should go through clean-up procedures prior to optimizing chromatographic and mass spectral conditions.

If you have any questions regarding this sample, please feel free to contact ARRO Laboratories.

Sincerely,

ARRO LABORATORIES, INC.

Environmental Division

Approved by

TERESE M .- LACIAK Laboratory Manager

AGR:nm

PECEIVED

JUL 14 1982

U.L.P.C. SINIE UF ILLINOIS P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

Attention of	Mr. Ron Patterson	P.O.	Number	,
Company	EQUESTRIAN ESTATES DEVELOP. CO.	Date	Received	August 15, 1980
Address	115th Street & Bell Road	'Date	Completed	August 29, 1980
	Lemont, Illinois 60439			

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
57056E	Water from Lake			8/8
57057E	Water from Field **			8/9
57058E	Water taken from La	ce *		8/10
				07, 20

#### WASTE WATER ANALYSIS

	<del></del>		<del></del>	<del></del>	
•	57056	57057	. 57058	1	
BOD, 5-day		<del> </del>			<del></del>
Cadmium	<0.01	<0.01	<0.01		
COD					
Chlorides					
Chlorine, Total Residual					
Chromium, Hex				-	
Chromium, Tri		1			
Chromium, Total	<0.05	0.45	1.7		
Copper		<del> </del>			
Cyanide, Total			·		
Iron, Total					
Lead .	< 0.08	<0.08	<0.08	· <del> </del>	· · · · · · · · · · · · · · · · · · ·
Nitrogen, Total as N		1	37.00		
Nitrogen, Ammonia as N	0.08	7.05	2.05		
Nitrogen,Organic as N					
Oils & Grease	74	52	48		
ЬII	7.5	6.6	8.8	Ç	
Phenols					
Phosphate, Total (as PO4)				,	۷
Phosphorus (as P)	0.4	4.28	0.6	5	<u>ε π</u>
Solids, Total					
Solids, Dissolved					
Solids, Total Suspended	8	112	152		: 11
Solids, Volatile Suspended					
Sulfate (as SO4)					
Zinc	<0.05	0.42	1.2		
			1.	1	
				フロー	( P ed 5 ;
				1	Lane has
				1111 14	1982
	SAMPLE COLLEG	TION DATA			
Type of Sampling					7.
Campling pH				Class	-19
Sampling Temperature	—— <del>; ====</del>	7		- SIAIL Ur I	<del></del>

Results in mg/L unless otherwise indicated

\* See attachment for comments

\* Strong hydrocarbon odor

\*\* Strong ocor of amines

Not enough sample for cyanides

Analysis certified by .

A. G. Roketa, Manager Environmental Division

Approved by

C.A. C. T. T. C. C. Terese H. Laciak Laboratory Manager

August 29, 1980

Testing is in accordance with procedures outlined in the newest editions of: Stindard Methods for the Examination of Water and Wiete Water ASTM Standards, Part 31, "Water, Atmospheric Analysis" Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office



# Laboratories, Inc.

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

August 22, 1980

Figure Ron Patterson

Equestrian Estates Develop. Co.

115th Street & Bell Road

Eemont, Illinois 60439

ILLINOIS EPA PROCÉDURE

ARRO #56757E - Sludge Sample

DATE 8/8/80 JUL

	уs	Dry Wt.		ugs leached petigm ?
	Received	Basis	Leachate	of dry wt. solids
Flash Point (Closed Cup)	43°C			
.pha Radiation	Backorder			'r (7 (2)
Percent Alkalinity	6.10%			7'
otal Solids	34.2%			
hih Content	24.9			
Clatile Total Solids	9.27%			i
anide Total	5.398 (3.74	after removal	of sulfide)	
ıi	11.4			
ls & Grease	1.35%			
ilver	<4.		0.1	2.9
senic *	Backorder	Backorder	Backorder	Backorder
Barium	79	231.	5.5	160.8
dmium	<4		<0.05	
rirome	0.12%	0.35%	28	818.7
rpper	36	105.	0.1	2.9
rcury, ppB	17.89	52.	0.33	9.6
Nickel	43	125.7	0.62	18.1
ad	2.7	7.89	<0.2	
Plenium	0.021	0.06	0.005	0.15
·C	831	2429.8	0.19	5.5
Enzene	Backorder			
drocarbon Compounds	Backorder			

Interferances

Oil settles on top of sludge.

Rec'd - By Wt. ug/gm eachate - 1:10 Dil. mg/l mg/l = Decimal Equ. of Total Solids = Dry Wt. Basis

mg/l : Docimal Equ. of Total Solids x 10 = ugs Leached per

gram of Dry Wt. Solids

Analysis certified by

ALICE G. ROKETA, Manager Environmental Division

proved by

TERESE M. LACIAK Laboratory Manager

Testing is in accordance with procedures outlined in the newest Federal Register.

2:nm

RFCF: FD

JUL 14 1982

E.P.A. - U...
STATE OF ILLING

	The second state of the se	
*	COMPANY: Equestrian Estates Develop. Co.	•
v.	SAMPLER: Alice Roketa, Helen Armstrong, Ron Patterson	•
*	DATE & TIME OF SAMPLING OR Ph.) JP: 8/8/80 12:05pm	
	SAMPLING PROCEDURE: Grab	
<b>S</b> ic	SAMPLING SITE: 131st St. & Smith Road	
*	NUMBER OF SAMPLES COLLECTED: 2 (1 was given to client)	
	CALIBRATION OF SAMPLER:	,
	FREQUENCY BETWEEN SAMPLES: 5 minutes	
	PRESERVATION OF SAMPLES: refrigeration	
uļe	HOW TRANSPORTED: car	,
*	IDENTIFICATION OF SAMPLES:	• .
	1. Sludge Sample 6.	
	2 7	
		·
		•
•		
*	5. 10. STORAGE IN TRANSPORT: Cooler	
	CONDITION OF SAMPLING LOCATION: Sludge Field	
	WEATHER CONDITION: Clear, warm	Time to Date
*		Time & Date 4pm 8/8
	2. Supervisor: WK	8-21-80
	3. Analyst:	
*	STORAGE IN LAB:  I. Location	
	2. Temperature	•
<b>)</b> {r	LAB STORAGE TIME BEFORE DISPOSAL:	
3'c	DISPOSAL:	
7	1. Date:	
	2. Time:	
	3. Initials:	
5,e	HOW DISPOSED OF:	
NO	TE: * For Pickup of Samples Only - no sampling involved	FIVED
	JUL	14 1982
····		·
		Halland B.

- <b>)</b>	<b></b>	<b></b>	·	
P	As Received	Dry Wt. Basis	Leachate	ugs leached per gm of dry wt solids
Flash Point (Closed Cup)	4300			
Alpha Radiation	ζ ,			
Percent Acidity	,			
Percent Alkalinity	1 6.10 20			
Total Solids	× 341.2%			
Ash Content	Х			
Volatile Total Solids	<b>×</b>			
Cyanide	5,348		·	
pli als interession	7 1:35-75		·· i	
Silver	x <4.	X	k	
Arsenic	×.	×.	X	
Barium	×	X	¥	
Cadmium	ν'	×	X	
Chrome	× 0.12, 00	×	× 28	
Copper	×	Y.	×	
Hercury, ppB	х	,x	*	
Nickel	y i	<i>y.</i>	*	
Lead	X	X	4-	
Selenium	.x	¥	*	
Zirc	x 531	×	1. 0.14	

As Rec'd - By Wt. ug/gm Leachate - 1:10 Dil. mg/l

iraca Moncompació

Approved by\_

TERESE M. LACIAK Laboratory Manager mg/l + Decimal Equ. of Total Solids = Dry Wt. Basis
mg/l + Decimal Equ. of Total Solids x 10 = ugs Leach
per gram of Dry Wt. Solids .

Analysis certified by

ALICE G. ROKETA, Manager Environmental Division

El settler outop of elady

Testing is in accordance with procedures outlined in the newest Federal Register.

RECEIVED

JUL 14 198?

E.P.A. - U. STATE OF ILLINUA

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex-723421 UAR JOL

dress 115th Street & Lell Road	Date Completed January 29, 1981
tty/State/Zip Lemont, Illinois 60439	

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
502C4E	Water From Union Pipe	Outlet		8/31
592C5E	Sample From W. Ditch			10/17
1.026GE	Outlet			. 9/7
59267E	Sample From Field			9/20
			<u> </u>	<u>'</u>

#### MINLYSIS

	[	5926 <b>5</b>	59266	59267	
np, 5-day					
1 imium					
' D					
lorides					
hlorine, Total Residual				,.	
. omium, Hex					
romium,Tri					
romium, Total					
ppper					
yanide, Total				2.5	
.on,Total					
rad				:	
trogen, Total as N					
ittrogen, Ammonia as N					
trogen,Organic as N		1			
ils & Grease					
ichols	0.087	0.032	0.051	<0:010	
"caphate, Total (as PO <sub>4</sub> )				τ.	
aphorus (as P)					
olids, Total					
lids, Dissolved					
lids,Total Suspended			<u> </u>	1	
lids, Volatile Suspended	1				
ilfate (as SO <sub>4</sub> )	1		·   ·	<del> </del>	
inc	1	<del>-  </del>	·		
Tychlorinated Biphenyls (PCB) ppb	<0.5	<0.5	₹0.5	₹0.5	32
	1	<u> </u>	·		
	1	<del></del>		<del> </del>	
	<u> </u>		·	1.1.1.5	
	<del> </del>	·   · · · · · · · · · · · · · · · · · ·	1	<del>                                     </del>	- <u>+ + + + + + + + + + + + + + + + + + +</u>
	1			<del></del>	
	1			110 1	1982
	AMPLE COLLE	CTION DATA			
re of Sampling	1		1	4.	
apling pH		***		SIAL UF	II turnaS
impling Te perature	1		<del></del>	VIAL VI	LLCIIIO

See attachment for comments

I certify that I am familiar with the information contained in this report and that to the less of my knowledge and belief such infar-motion is true, complete, and accurate.

A. G. Roketa, Manager Environmental Division

Date Terese H. Laciak Laboratory Manager

January 29, 1981

Testing is in accordance with procedures outlined in the newest editions of: Standard Methods for the Examination of Water and Waste Water ASIN Standards, Part 31, "Water, Atmospheric Analysis" Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

# The second second

# Lavoratories, Inc.

F. O. Box 686 Caton Farm Road Joliet Illinois

Telephonee (815) 727-5436 (312) 454 0245 Telex 723421 UAR JOL

•	
tention ofMr. Ron Patterson	P.O. Number
Pany EQUESTRIAN ESTATES DEVELOPMENT COMPANY	
ty/State/Zip Lemont, Illinois 60439	,

ARRO NO.	SAMPLE DESCRIFTION	ARRO PICK-UP	ARRO SAMPLING	DATE
70730E	131st & Smith Road, Lo Existing Farm Nouse V			3/17
	- ANTIGERIA TREM MODGE V			

#### WELL WATER ANALYSES

	70730E				
OD, 5-day		<del></del>	<del></del>		
admium	<0.05		*		
סו			1		
lorides	38				
Thlorine, Total Residual					<u> </u>
aromium, Hex	<0.01				
bromium, Tri					
bromium, Total	<0.05				
ppor					
yanide, Total	<0.005				,
con, Total	<0.05				
i.ead	<0.05				
Witrogen, Total as N					
Titrogen, Ammonia as N					
trogen,Organic as N					
1s & Grease					
.1	7,9				
nenols					
hosphate, Total (as PO <sub>4</sub> )					
"hosphorus (as P)	0.1	·-· 1.			
Solids, Total					
solids,Dissolved					
olids,Total Suspended					
`lids, Volatile Suspended					
ulfate (as 504)	118	٠ , '١			,
inc	0.33	. 5			
Mickel	< 0.05				
Mercury, ppB	1.45	· 7	X:		
Barium	<0.5				
				1761	1: 1: 1
					ļ
					1982

SAMPLE COLLECTION DATA

IC of Sampling
Thing pill
Tipling lemperature

STATE OF ILLINO:3

sults in ma/L unless otherwise indicated

Sampled - 9:00am 3/17/82 Received - 10:00am 3/17/82

See attachment for comments

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager Environmental Division

unroyed by

Terese M. Laciak Laboratory Manager

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Newton and Waste Witer
AS'M Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office



P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

	Mr. Ron Patterson	P.O.	Number
tention of	FOURSTRIAN ESTATES DEVELOP CO	Date	Received October 30, 1980
mpany ,	EQUESTRIAN ESTATES DEVELOP. CO.		- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
dress	115th Street & Bell Road	Date	CompletedNovemper131380
4-1	Lemont, Illinois 60439		

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
58871E	Existing Farm House We	11		10/28

#### VNVTARIZ

•					
	58871				
				<del> </del>	<del> </del>
D, 5-day		ļ		<del></del>	<del></del>
imium	< 0.05			<del> </del>	
1)		<del> </del>			<u> </u>
prides	43			·	ļ
lorine,Total Residual		<u> </u>		<u> </u>	<u> </u>
: omium,Hex	<0.02			ļ	
:omium,Tri		<u> </u>			
romium,Total	<0.05			ļ	
(4-or					
anide, Total	<0.01				
on,Total	<0.05				
ad	<0.2				
'rogen,Total as N					
trogen, Ammonia as N		,			
rrogen, Organic as N					
15 & Grease	Not enough	sample			
	7.9				
enols					
osphate, Total (as PO4)					
sphorus (as P)	0.05	1		<del> </del>	
lids, Total		1		1	
lids, Dissolved		<del>-</del>		· · · · · · · · · · · · · · · · · · ·	
:11s,Total Suspended		<del> </del>	<del>-  </del>		
lids, Volatile Suspended				· · · · · · · · · · · · · · · · · · ·	
fate (as SO <sub>4</sub> )	86	<del></del>		· <del> </del>	<del> </del>
102	0.06				<del> </del>
·kel	<0.2	<del></del>	<del></del>	<del></del>	
<del></del>	<0.2	<del></del>		-	
rcury, ppB	<0.5			<del></del>	
				- <del> </del>	ALCH-
				- <del></del>	1,-,-
				<del></del>	1 1 x 10d3
	<del></del>	<del></del>	<del></del>		1111 1 130kg
	SAMEL: COLLE	CTION DATE		_ <del></del>	
of Sampling	SAIR BY COLUM	C. TON DAIN	<del></del>	<del></del>	· · · · · · · · · · · · · · · · · · ·
-pling pH		<del></del>		<del>- </del> -	+
opling Temperature		<del></del>			
. , - ,	<u></u>				

Its in mill unless otherwise indicated

he attachment for comments

I certify that I am forming with the information contained in this negation and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager Environmental Division

roved by .

Terese M. Laciak Laboratory Manager November 18, 1980

Testing is in accordance with procedures outlined in the newest editions of:

Standard Mothods for the Examination of Water and Waste Water

ASTH Standards, Part 31, "Water, Atmospheric Analysis"

Hethods for Chemical Analysis of Water Wastes, EPA Water Quality Office

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

.ention	Mr. Ron Patterson	P.Q.	Number
	"EQUESTRIAN ESTATES DEVELOP, CO.	Date	Received October 30, 1980
ri any Hono	115th Street & Bell Road	Date	Completed November 13, 1980
• • • • • • • • • • • • • • • • • • • •	Lemont, Illinois 60439		

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
58866E	Field Tile From Surf	ce Water Pipe Under S	mith Road	8/31
58867E	Field Tile From Surf	ce Water Pipe Under S	mith Road	9/7
58868E	Field Tile from Surf	ce Water Pipe Under S	mith Road	9/20
58869E	Field Tile From Surf:	nct Water Pipe Under S	mith Road	10/17
58870E	Existing Farm House			9/20

#### ANALYSIS

					<del></del>	-
	58866	58867	58868	58869	58870	
D, 5-day						]
·łmium	< 0.05	<0.05	<0.05	<0.05	<0.05	]
1,						J
clorides	108	45	7.2	52	45	]
lorine, Total Residual						]
omium, nex	<0.02	<0.02	<0.02	<0.02	<0.02	
· · · mium,Tri						
omium, Total	0.07	<0.05	<0.05	<0.05	<0.05	_]
rper						]
inide,Total	0.023	0.023	<0.007	0.063	<0.01	]
n,Total	2.4	0.4	0.05	3.8	<0.05	]
· 4	<0.2	<0.2	<0.2	<0.2	<0.2	]
rogen, Total as N						]
trogen, Ammonia as N						]
rogen,Organic as N						7
. & Grease	79	11	29	18	Not enough	- ai
	8.0	8.0	7.8	7.6	7.8	7
nols						
sphote, Total (as POu)						1
esphorus (as P)	0.20	0.23	0.11	0.07	0.08	7
ilds,Total	<u> </u>					7
ids,Dissolved						1
ids,Total Suspended	1070	244	134	200		-1
ids, Volatile Suspended				-	1	7
fate (as SO <sub>4</sub> )	705.	334	129	608	95	┪.
	<0.05	<0.05	<0.05	0.05	< 0.05	7
kel	0.20	<().2	<0.2	<0.2	<0.2	7
cury, ppB	1.3	0.68	0.36	0.22	0.24	7
.:Lum	<0.5	<0.5	< 0.5	<0.5	<0.5	7
					<del> </del>	┪
						-1
				DEC	1	4
				- <del>    \   \</del>	<del>' </del>	$\dashv$
	SAMPLE COLLE	CTION DATA	<del></del>	* - * · · ·	4.4.4000	
of Sampling			<del>-  </del>	JUL	<del>1<sub>1</sub> 4 1982</del>	٦
pling ph			<del>                                     </del>		<u> </u>	-
mpling Temperature			<del>-  </del>		+ U	1
ilts in rayl unless otherwise indicat-			<del></del>	STATE	of Illings	

ilts in real unless otherwise indicated

the attachment for comments

I certify that I can forml ar with the information contained in this in port and that to the best of my knowledge and belief such information is true, complete, and accurate

A. G. Roketa, Manager Environmental Division

roved by

Terese M. Laciak Finds Date
Laboratory Manager

November 18, 1980

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ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office